Pioneer Healthcare Cold Chain Cloud Platform (PHCCCP) Pioneer IoT -The NB IoT Temperature and Humidity Monitoring Solution



Healthcare Cold Chain Temperature & Humidity Monitoring Solution



NB IoT Data Collection Terminal





Telstra/Vodafone

Management Cloud Platform



Data Query and Usage



Computer



Apps



SMS, voice, sound-light, email, and other alarms

Logistic Solution

Pioneer IoT



Temperature and Humidity Sensors





Cold Chain Cloud Platform (CCCP)



N.						
		Stage (Level)	Object (Perspective)	Content (Summary)	Feature	
	Logistics Cold Chain Cloud	Logistics	Person Vehicle Goods Warehouse	Precise sample management Whole-course process monitoring Goods arrival	Logistics comprehensive query Sample arrival management Collection query Fees management	NB IoT
		Business	Application ticket Business process Channel routing	Detailed business process Convenient information input Efficient data	Application ticket input Order issuing Goods order issuing Exception management	Internet Big data
	Hospital		Supply chain	Hospital information management Affiliate	Hospital and laboratory project maintenance	
-	Laboratory	Industry	Demand chain	management Regional industry	Laboratory and detection institute management	
			Industry chain	management Laboratory transfer management	Outbound sample transfer management	

Characteristics of HCCCP





Atomized Data

A unique bar code is generated and sticked to each sample. In addition, each application, packaging order, and shipping order has a unique identification.

Management in Group

Organizational management is introduced to support affiliates. Global monitoring is adopted in branch departments. All levels of employees possess their own permissions.

Centralized Information

Data centers are built to release all data, including the hospital code, detection item code, and pricing. Therefore, the management is specialized and unified.

Visualized Process

Seamless monitoring is adopted in the whole course from sample receiving to delivering. The system records all changes of the samples and visualizes the whole process.

Pioneer NB IoT HCCCP Solution Advantages





NB IoT transmission, easy to install and maintain



Alarm systems available for sound-light, SMS, voice, app



Low power consumption required for monitoring devices with only 6 µA standby current



NB IoT signal coverage up to 99% population in Australia



Ultra-strong protection with IP67 qualification



Real-time locating and tracking(Optional)





Zero data lost safeguarded by transfer resume